

Charophytes From the Triassic Varicolored Deposits
of the Great Donets Basin, by L. Ya. Saydakovskiy,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 5, 1962, pp 1141-1144.

Amer Geol Inst

Sci
Aug 64

Comparative Karyological Investigation of Transplantable
Cell Lines of Human Amnion, by N. B. Varshaver 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 5, 1962, pp 1145-1147

CB

Sci
Nov 63

The Afferent Innervation of the Heart of the Black
Sea Sharks and Skates, by A. A. Kolosova 3pp

RUSSIAN, per, jDok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 5, 1962, pp 1148-1150.

CB

Sci
Nov 63

Distribution of Glycogen in the Fibers of the Intact Myocardium and After Experimental Trauma to the Heart,
S. S. Saidrasulov 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV
No. 5, 1962, pp1151-1153.

CB

Sci
Nov 63

An Experimental Histochemical Analysis of the Process
of Development of Ischemic Necrosis and Scarring of
the Myocardium, By B. I. Fuks, E. M. Perkin, 4pp

RUSSIAN, per, DokAk Nauk SSSR, Biol Section, vol CXLV,
No 5, 1962, pp 1154-1157.

CB

Sci
Nov 63

The Influence of the C₂-C₆ Aliphatic Acids on the
Growth of Actinomyces Streptomycini and on the Forma-
tion of Streptomycin by it, by T. B. Kazanskaya,
I. G. Orlova, 2pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No5, 1962, pp 1158-1159.

CB

Sci
Nov 63

Effect of Ionizing Radiation on Nucleic Metabolism
in Female Organism with Reference to Development of
Males and Females in Progeny, by V. N. Shreder, 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No5, 1962, pp 1160-1162.

CB

Sci
Nov 63

Effect of Ionizing Radiation on Nucleic Metabolism
in Female Organism With Reference to Development of
Males and Females in Progeny, by V. N. Shreder, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLV, No 5, 1962, pp 1160-.

AIP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

Comparison of the Anabolic Activity of Testosterone Propionate, 19-Nor-D-Homotestosterone, and Some of Its Derivatives, by T. I. Kornilova, G.L. Zhdanov, 2pp

RUSSIAN, per, DokAk Nauk SSSR, Biol Section, Vol CXLV,
No 5, 1962, 1163-1165.

CB

Sci
Nov 63

On the Question of Variability in the Photoperiodic Reaction of Plants, by M. G. Agacv, 2pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 5, 1962, pp 1166-1168

CB

Sci
Nov 63

A Contribution to the Fauna of Larval Tendipedids of
Eastern Siberia, by N. V. Vershinin 2pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, vol CXLV,
No 5, 1962, pp 1169-1170.

CB

Sci
N ov 63

Anatomical Characteristics of the Female Reproductive System in the Poultry Mite- Dermanyssus Gallinae (Gamoidea, Dermanyssidae) by Yu. P. Lagutenko 4pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV, No 5, 1962, pp 1171-1173.

CB

Sci
Nov 63

A New Form of Snow Sheep From the Koryak Highlands,
by F. B. Chernyavskii 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 5, 1962, pp 1174-1176.

CB

Sci
Nov 63

The Nonspecific Stimulation of Phagocytic Activity
of Macrophages and Their Differentiation, by
A. I. Braude, G. E. Vaisberg, 4pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 5, 1962, pp 1177-1179.

CB

Sci
Nov 63

Regeneration of the Myocardium in the Rat Under the
Influence of Ribonucleic Acid and Pyrogenal, by
L. V. Po;ezhaev, L. V. Akhabadze,⁴pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 5, 1962, pp1180-1183,

CB

Sci
Nov 63

The Effect of Hyperfunction of the Heart on the Realization of the Negative Chronotropic Effect of the Vagus Nerve, by F. Z. Meerson, t.M/ Dmitrieva 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 5, 1962, pp 1184-1187.

CB

Sci
Nov 63

Uniqueness of Extremum Functions in the Evaluation
of Taylor's Coefficients of Bounded Functions of
Two Complex Variables, by I. I. Bavrin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCXLV, № 8,
1962 No 6, 1962, pp 1195-1198.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Integral Representations of Finite Groups, by
S. D. Berman, P. M. Gudivok, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 6,
1962, pp 1199-1201.

Amer Math Soc
Sov Math - ~~Rus~~ Dok
Vol III, No 4

Sci
Dec 1962

A New Method of Solving a Boundary Value Problem for
a Linearized System of Navier-Stokes Equations in
the Two-Dimensional Case, by V. S. Vinogradov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXX CXLV,
No 6, 1962, pp 1202-1204.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Analytic Functions in Tubular Regions, by S. G.
Gindikin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 6,
1962, pp 1205-1208.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Correspondence of the Boundairies in Q=Quasiconformal
Mapping of a Sphere, by V. A. Zoric, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 6,
1962 pp 1209-1212,

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

The Method of Potentials for a Parabolic Equation
with Discontinuous Coefficients, by L. I. Kamynin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, ~~YanikXXXX~~
Vol CXLV, No 6, 1962, pp 1214-1216.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Ljapunov Stability and Equations With Concave
Operators, by Ju. S. Kolesov, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 6,
1962, pp 1217-1220.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

On the Question of the Zeroth Stability Zone, by
A. Yu. Levin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 6,
1962, pp_x 1221-1223.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Finally Compact Spaces, by A. Mischenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 6,
1962, pp 1224-1227.

Amer Math Soc
Sov Math - Dok
Vol III, No 4,

Sci
Dec 62

Boundary Value Problems for Equations of
Parabolic Type~~x~~ With Discontinuous Coefficients,
by G. K. Namazov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVN, No 6,
1962, pp 1228-1231.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

Linear Operators in Coordinate Orlicz Spaces, by
Ja. B. Rutickiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 6, xi 1962, pp 1232-1234.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

On the Dynamics of a Stratified Liquid, by
A. M. Obukhov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLV, No 6, pp 1239-
1962, *NZDIA*
AIP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

Successive Laplace Transformations With Fibered
Congruences of the Axes, by G. B. Hasin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 6, 1962, pp. 1235-1238.

Amer Math Soc
Sov Math - Dok
Vol III, No 4

Sci
Dec 62

The Buckling Surfaces of Thin Shells With a
Local Loss of Stability, by A. V. Sachenkov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLV, No 6, 1962, pp 1243-1246.

AIP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

Hadamard's Multiplication Theorem and the Analytical Continuation of the Two-Particle Unitarity Condition,
by O. S. Parasyuk, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLV, No 6, 1962, 1247-1248.

AIP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

Excitation of C¹² Nuclei by 660-MeV Protons, by
L. S. Azhgirey, Yu. P. Kumekin, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLV, No 6, 1962, pp 1249-1252.

AIP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

Photoconductive Single Crystals of Lead Oxide,
by V. A. Izvozchikov, G. A. Bordovskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLV, No 6, 1962, pp 1253-1254.

AIP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

Detection of the Magnetic Ordering in the BiFeO₃,
Ferroelectric by Means of Neutron Diffraction Study
by S. V. Eiselev, R. P. Ozerov, 7 pp.

RUSSIAN, par, Doklady Akademii Nauk SSSR,
Vol. CXLV, No 6, 1962, pp 1255-1258.

Navy Nr 3299/ARL 921

OT-63-11553

Sci.
Feb 63

HIV
Sov Phy-Dok
Vol. III, No. 1
221,502

Autoresonance Motion of a Particle in a Plane
Electromagnetic Wave, by A. A. Kolomenskiy,
A. N. Lebedev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 6,
21 Aug 1962, pp 1259-1261.

AF 1521054163

Sci - Phys
15 Mar 63

AII¹ (NUS) D¹K
Sov. Phys., Dokl.
Vol. VII, No. 8

Anomalous Distribution of Intensities in the Fermi
Resonance Vibration Bands, by M. P. Lisitsa,
V. L. Strizhevskiy, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLV, No 6, 1962, pp 1262-1264.

ATP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

On the Kinetics of a Nonisothermal Plasma, by
V. P. Silin, L. M. Borbunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLV, No 6, 1962, pp 1265-.

AIP
Sov Phys - Dok
Vol VII, No 8

sci

Jul 63

Limits of Applicability of Bouger Law and the Reversal Effect of Anomalous and Selective Atmospheric Transparency, by G. V. Rozenberg.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 6,
1962, pp 1269-1270.

NLL(LOAN)Ref: 5828.4 1963 (10,429)

Sci-Phys
April 64

77-
77-
77-

Short-Period Wave-Train Type Oscillations of
the Natural Electric Field in the Sea, by
R. V. Smirnov, 3 pp.'

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 6, 1962, pp 1271-1274.

Amer Geol Instit

Sci
Aug 64

Relationship Between the Gravity Field and Geologic Structure of Explored Regions of Antarctica, by S. A. Ushakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science Sections, Vol CXLV, No 6, 1962, pp 1275-1278.

Amer Geol Instit

Sci
Aug 64

Zgornik, V. N., Dolgoplosk, B. A. and others.
SOME RELATIONSHIPS IN THE PROCESS OF
BUTADIENE POLYMERIZATION UNDER THE IN-
FLUENCE OF CATALYTIC SYSTEMS, CONTAINING
COBALT. [1963] 5p. 5 refs.
Order from OTS or SLA \$1.10

63-18424

Trans. of Akademiya Nauk SSSR, Doklady, 1962,
v. 145, no. 6, p. 1285-1287.

DESCRIPTORS: *Butadiene, Catalysis, Chlorides,
Cobalt compounds, Pyridines, *Aluminum compounds,
Buryl radicals, Molecular weight, Polymerization,
*Ziegler catalysts, *Cobalt catalysts.

Some new data on relationships in the process of
polybutadiene polymerization under the influence of
a homogenous catalytic system, composed of the
pyridine complex of cobalt chloride with diisobutyl-
aluminum-chloride, are reported. The polymerization
(Materials--Elastomers, TT, v. 10, no. 8) (over)

63-18424

I. Zgornik, V. N.
II. Dolgoplosk, B. A.

Office of Technical Services

Chemiluminescence Method for Measuring Relative Rate
Constants in the Liquid Phase Oxidation of Hydrocarbons,
by R. F. Vasil'ev, A. A. Vichutinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section, Vol CXLV, No 6, 1962, pp 1301-1304.

CB

Sci
Aug 63

Nuclear Magnetic Resonance Study on the State of
Water Sorbed on Calcium Hydrosilicate, by
V. I. Kvividze, K. G. Krasil'nikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section, Vol CXLV, No 6, 1962, pp 1305-1307.

CB

Sci
Aug 63

Concentration Limits of Flame Propagation in Acetylene-Air Mixtures, by S. M. Kogarko, B. A. Ivanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry Section, Vol CXLV, No 6, 1962, pp 1308-1310.

CB

Sci
Aug 63

Certain Details Concerning the Dissolution of Cu₂S in
the Presence of Oxygen, by Yu. M. Potashnikov,
I. A. Kakovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section, Vol CXLV, No 6, 1962, pp 1311-1313,

CB

Sci
Aug 63

Kinetic Parameters for the Precesses of Detonation,
Self-Ignition, and Isothermal Oxidation of Benzene,
by A. I. Serbinov, Ya. K. Troshin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section, Vol CXLV, No 6, 1962, pp 1314-1317.

CB

Sci
Aug 63

Electron Paramagnetic Resonance in ~~Nb⁴⁺~~ Nb⁴⁺, by
V. N. Fedotov, N. S. Garif'yanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section, Vol CXLV, No 6, 1962, pp 1318-1320.

CB

Sci
Aug 63

Dipole Moments of Merocyanines, Derivatives of
Imidazolidindione-(2,4) and Its Thio- and Dithio-
Substituted Forms, by XEE. A. Shott-L'vova, Ya. K. Syrkin,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section, Vol CXLV, No 6, 1962, pp 1321-1323.

CB

Sci=
Aug 63

Effect of Adsorption of Organic Substances on the
Kinetics of Their Electrolytic Reduction, by
A. B. Y'Ershler, D. A. Tedoradze,

RUSSIAN, per, Dok Ak Nauk SSSR (Physical Chemistry
Section, Vol CKXLV, No 6, 1962, pp 1324-1327.

CB

Sci
Aug 63

Increasing the Rate of Combustion by Intro-
ducing an Inert Admixture, by N. N. ~~Бахчан~~
Bakhman, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV,
No 6, 1962, pp 1328-1330. 9668418

FTD-TT-63-460

Sci-Phys
July 63

236,057

(B)

The Age of the Nagayev Strata, by Yu. P. Baranova,
P. I. Dorofeyev, 2 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Earth Sciences
Sections, vol CXLV, No 5, 1962, pp 1335-1337.

Amer Geol Inst

Sci
Aug 64

Geology and Genesis of Cupriferous Sandstones in
the Udokan Region, (Eastern Siberia), by
Yu. V. Bogdanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, vol CXLV, No 6, 1962, pp 1338-1340.

Amer Geol Inst

Sci
Aug 64

Comparison of the Khanabad Suite in the Paleogene
of Tadzhikistan With the Chegan Suite of the
Aral Region, by D. D. Buzurukov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 6, 1962, pp 13⁴1-13⁴3.

Amer Geol Inst

Sci
Aug 64

Tectonic Chart for Southwest Darvaz, by
N. G. Vlasov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 6, 1962, pp 1344-1347.

Amer Geol Inst

Sci
Aug 64

Geologic Age of the Loess Soils at the New
Mousterian Camp Site in the Priazov'ye in the
Light of Palynologic Data, by V. A. Vronskiy,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 6, 1962, pp 1348-1351.

Amer Geol Inst

Sci
Aug 64

New Data on Lower Silurian Volcanic Rocks in the
Upper Reaches of the Bol'shoy Abakan, by
A. B. Dergunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 6, 1962, pp 1352-1355

Amer Geol Inst

Sci
Aug 64

Contribution to the Lithology and Stratigraphy
of the Upper Carboniferous Province Transitional
Between the Donbas and the Dnieper-Donets Basin,
by M. Ye. Doluda, S. V. Litvin, 3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Earth Sciences
Sections, Vol CXLV, No 6, 1962, pp 1356-1359.

Amer Geol Inst

Sci
Aug 64

On the Boundaries and Time of Formation of the
Western Part of the Black Sea Basin, by
A. V. Drumya, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Sections, Vol CXLV, No 6, 1962, pp 1360-1362.

Amer Geol Inst

Sci
Aug 64

Stratigraphic Subdivision of the Ordovician and Silurian on the Basis of Rugose Corals, by A. B. Ivanovskiy, 2 pp.

RUSSIAN, per ~~2218~~ Dok Ak Nauk SSSR, Earth Science Sections, Vol CXLV, No 6, 1962, pp 1363-1365.

Amer Geol Inst

Sci
Aug 64

The Upper Boundary of the Kimmeridgian Stage, by
N. P. Mikhaylov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 6, 1962, pp 1366-1368.

Amer Geol Inst

Sci
Aug 64

Cambrian and Late Precambrian Deposits of the
Sakmara Rise in the South Urals, by A. D. Petrovskiy,
S. V. Gorokhov, 3 pp.

Russian, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 3, 1962, pp 1-3.

6 Amer Geol Inst

1369-1872

Sci
Aug 64

Recent Cinnabar Deposits at Apapel' Springs, by
I. I. Shcheglov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLV, No 6, 1962, pp 1373-1374.

Amer Geol Inst

Sci
Aug 64

Rheomorphic Veins in a Limestone Xenolith From
the "Peace" Kimberlite Pipe, by A. A. Menyaylov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLV, No 6, 1962, pp 1375-1376.

Amer Geol Inst

Sci
Aug 64

Injury to Paramecia by Water Radiolysis Products
During Radiation Exposure, by E. G. Zinov'eva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
VOL CXLV, No 6, 1962, pp 1389-1392.

AIP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

Effect of X-Irradiation In Different Periods of Embryonic Development on Testes of Sexually Mature Mice, by N. I. Nuzhdin, N. N. Kuznetsova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section), Vol CXLV, No 6, 1962, pp 1393-1395.

AIP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

Functions of Distribution of Concentrations in
Cells, by V. I. Skobelkin, A. A. Boldin,

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLV, No 6, 1962, pp 1396-.

AIP
Sov Phys - Dok
Vol VII, No 8

Sci

Jul 63

A Unified Law for the Lower Concentration Limit for
Flame Propagation, by A. I. Rozlovskiy, B. B. Brandt,

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLV, No 6, 1962, pp 1331- .

CB

Sci

Aug 63

Experimental Regulation of the Diapause of the
Colorado Beetle (Leptinotarsa Decemlineata Say.)
by the Action of Physiologically Active Substances
by L. Z. Rodionova, 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962, pp 1377-1380.

CB

Sci
Nov 63

The Influence of Certain Trace Elements on the Development and Formation of Vitamin B₁₂ by Propionic Acid Bacteria. The Toxic Action of Zn Ions, by # L. I. Vorob'eva, 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV, No 6, 1962, pp 1381-1384.

CB

Sci
Nov 63

Specific Inactivation of Antiphage Antibiotic 81 by
DNA, by T. F. Kuimova, N. A. Krasil'nikov, 4pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962, pp 1385-1388.

CB

Sci
Nov 63

[REDACTED]

Injury to Paramecia by Water Radiolysis Products During
Radiation Exposure, by E. G. Zinov'eva 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962, pp 1389-1392.

CB

Sci
Nov 63

Effect of X-Irradiation in Different Periods of Embryonic Development on Testes of Sexually Mature Mice,
by N. I. Nuzhdin, N. N. Kuznetsova. 2pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962, pp 1393-1395.

CB

Sci
Nov 63

Functions of Distribution of Concentrations in Cell,
by V. I/ Skobelkin, A. A. Boldin 3pp

RUSSIAN,per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No6, 1962, pp 1396-1399.

CB

Sci
Nov 63

Conditions of Formation of Artificial Nucleoproteins,
by T. N. Kopylova-Sviridova, I. A. Khodosova, 4pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962, pp 1400-1403.

CB

Sci
Nov 63

Diurnal And Seasonal Rhythm of Metabolism of Nitrogen Compounds in Leaves of Bilberry and Willow-Herb in Polar Conditions, by S. M. Vartapetyan, Zh. F. Onokhina
4pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962, pp 1404-1407.

]

CB

Sci
Nov 63

Distribution of Neurosecretory Cells in the Abdominal
Section of the Nerve Cord of Orthoptera, by A. A. Panov

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962-pp 1409-1412.

CB

Sci
Nov 63

The Effect of Lyophilized Tissues on the Early Stages
of Embryogenesis of the Rabbit, G. M. Shakhnazarov,
V. A. Mitrofanova 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962, pp 1413-1416.

CB

Sci
Nov 63

Changes in the Activity of the Longitudinal and
Annular Muscles of the Intestinal Wall in Response
to Different Influences Acting on the Motor Function
of the Small Intestine, by Yu. M. Gal'perin 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962, pp1417-1420.

CB

Sci
Nov 63

Anticardiac Autoantibodies in Hypertrophy of the Heart, by F. Z. Meerson , A. M. Monaenkov 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLV,
No 6, 1962, pp 1421-1423

CB

Sci
Nov 63

The Effect of Strychnine on the Electrical Activity
of Single Neurons of the Spinal Cord, by A. I.
Shapovalov, 4pp

RUSSIAN, per, Dok Ak NaukSSSR, Biol Section, Vol CXLV,
No 6, 1962, pp 1424-1427.

CB

Sci
Nov 63

Measurement of Velocities of Longitudinal
Elastic Waves in Rock Samples at Pressures
to 40,000 kg/cm², by M. P. Volarovich and A.
I. Levykin, 6 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Seriya Matematika, Fizika, Nos. 4, 5, 6, Vol
CLXV, 1965, pp. 1287-1289.
JPRS 34230

USSR
Sci-ES/A
Mar 66

295,936

Determination of the Concentration of Cloud
Condensation Nuclei, by A. G. Laktionov,
5 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Seriya Matematika, Fizika, Vol CLXV, Nos.
4, 5, 6, 1965, pp. 1290-1293.

JPRS 34230

USSR
Sci-BS/A
Mar 66

295,937

[REDACTED]

Strengthening of the Uniqueness Theorem for an
O-Curve in N_2 , by A. F. Andreyev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 9-10.

Amer Math Soc

Sci

Jul 63

A Set Swept Out by a Straight Line Segment, by
I. N. Bernstein, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 11-13.

Amer Math Soc

Sci

Jul 63

Primitively π -Factorizable Groups, by
Ju. M. Gorcakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI,
No 1, 1962, pp 14-16.

Amer Math Soc

Sci

Jul 63

On a Theorem of S. N. Bernstein, by Kiril Docev,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI,
No 1, 1962, pp 17-19.

Amer Math Soc

Sci

Jul 63

On a Method of Constructing the Invariant Forms
and Structural Equations of Infinite Groups, by
L. E. Evtusik, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI,
No 1, 1962, pp 20, 21.

Amer Math Soc

Sci

Jul 63

Estimates of Derivatives of Solutions to Elliptic
Equations Near the Boundary, by V. A. Kondrat'yev,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 22-25.

Amer Math Soc

Sci

Jul 63

The Structure of the Set of Solutions of Equations
of Parabolic Type, by M. A. Krasnosel'skiy,
P. E. Sobolevskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 26-29.

Amer Math Soc

Sci

Jul 63

Continuation of Solutions of Partial Differential
Equations, by B. M. Levitan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 30-33.

Amer Math Soc

Sci

Jul. 63

Eigenvalues and Singular Values of the Sum and
Product of Linear Operators, by A. S. Markus, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 34-36.

Amer Math Soc

Sci

Jul 63

The Vertex Function of Directed Graphs, by
V. V. Matjuskin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1952, pp 37-40.

Amer Math Soc

Sci

Jul 63

237,479

Various Types of Converegence of Cubature and
Quadrature Formuals, by S. L. Sobolev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 41, 42.

Amer Math Soc

Sci

Jul 63

Unions of Strongly Paracompact Spaces, by
V. Trnkova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 43-45.

Amer Math Soc

Sci

Jul 63

On the Theory of Curves in a Projective Space of
N Dimensions, by A. S. Udalov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 46-49.

Amer Math Soc

Sci

Jul 63

Estimate of the Size Near the Boundary of the
Solutions of Elliptic Equations of Any Order With
Constant Coefficients, by A. S. Fohrt, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 1,
1962, pp 50-53.

AmerMath Soc

Sci

Jul 63

Proof of Dirichlet's Principle for the First
Boundary Value Problem of the Nonlinear
Theory of Elasticity, by A. L. Krylov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVI, No 1, 1962, pp 54-57.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 9

Sci

Aug 63

A POSSIBLE MECHANISM OF PARTICLE EJECTION FROM
THE SUN, BY V. S. KOMEL'KOV, 11 PP.

RUSSIAN, PER, DOKLADY AK NAUK SSSR, VOL CXLVI,
NO 1, 1962, PP 58-61.

JPRS 16590

SCI - ASTRONOMY

DEC 62

NSA 77-F-8303 (S 647 246 0121)

77-1246-246-0121

CB

218,344

Oscillations of a Tunnel Current in a
Magnetic Field, by V. G. Bar'yakhtar,
V. I. Makarov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVI, No 1, 1962, pp 63-64.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 9

Sci

Aug 63

Electrostatic Instability of a Plasma in a
Strong Magnetic Field, by A. A. Vedenov,
E. P. Velikhov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVI, No 1, 1962, 65-68 pp.

Amer Inst Phys
Sov Phys - Dok
Vol VII, No 9

Sci

Aug 63